



Foundation For Allen Schools Grant Application 2021

Scholarship Fund Amount: \$0

Let's get to know you!

Please provide your work-related Twitter contact information.	
Please provide your work-related Facebook contact information.	
I have co-applicants:	Yes
Best phone number to reach you at:	+14694671400
Campus	Chandler Elementary School
Grade(s)	5

Additional Co-Applicants

Campus	Chandler Elementary School
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Project Information

Are there any additional funds available for this grant?	No
Will other grades be involved/impacted?	No
Will other campuses be involved/impacted?	No
Does your grant have a technology component?	No
Please select the MAIN curriculum area your grant addresses.	Science / STEAM
How many students will be involved in this	

grant?	100
Name of Grant	Squishy Circuits

Project Information Continued

Provide a brief summary for use on the Foundation's website and social media.	Students will build circuits and explore conductivity with Squishy Circuits. These kits will help the kids get hand-on experience with complicated circuits building their knowledge of this difficult skill.
How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?	The target population is present and future 5th grade students. We will use these kits in the fall semester when we are introducing properties of matter as the kids can use them to test the conductivity of materials. We will also use them during our electricity unit that involves different kinds of circuits. The kids can build parallel and string circuits as well as use different types of materials to either keep the path closed or force the path to go another way. We will also use these kits for spiral review and for reviewing for the Science STAAR test.
What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.	There are limited supplies to be able to put these tools in the hands of each child without having to share with multiple classes and students. The study of circuits gets very complicated in 5th grade, and there is just no other way to make an impact on this skill without trying multiple ways and methods. We just do not have the supplies required to teach this in an effective, hands-on way.
Which Allen ISD goals/TEKS does this project support? Please provide 2 examples.	Students will describe, plan, and implement simple experimental investigations testing one variable. Students will classify matter based on measurable, testable, and observable physical properties including the ability to conduct or insulate electric energy. Students will demonstrate the flow of electricity in closed circuits.
Explain how this idea or project enhances/supports Allen ISD curriculum or	This system supports our Allen ISD curriculum by putting materials into the hands of all our students allowing them to discover, explore, and create multiple kinds of circuits with varying complexities. This is a higher level skill

existing systems.	that really required multiple experiences trying, failing, and trying again different ways and methods of completing circuits.
What is the project timeline and the date of implementation?	We would begin using these materials in the fall semester but would continue to use them later in the year for other units and to spiral skills throughout the year.
What teaching methods will be used to implement this project?	We will use these materials in the classroom or science lab as a part of an experiment or to explore creative ways to construct circuits.
What specific measurements will be used to evaluate the effectiveness of the project?	We will use Science MAP testing and STAAR data to evaluate the effectiveness as well as anecdotal data and student journals to evaluate the levels of thinking.

Project Budget

Total Grant Budget Requested:	1875.00
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Almost done!

	
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Project Budget Set Number 1

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Squishy Circuit Kits, Dough, Batteries
Unit Cost	275
Quantity	5
Total cost of items in this category:	1375.00

Project Budget Set Number 2

Question	Answer
Item Type	General Supplies
List item to be purchased under item category:	Batteries
Unit Cost	100.00
Quantity	4
Total cost of items in this category:	400.00

Project Budget Set Number 3

Question	Answer
Item Type	General Supplies
List item to be purchased under item category:	Dough
Unit Cost	10.00
Quantity	10
Total cost of items in this category:	100.00